

REFERENCE

- Alavanja M, Sandler D, (1999). Characteristics of persons who self-reported a high pesticide exposure event in the Agricultural Health Study. Environmental Research; 80(2):180-6.
- Angerer J, Butte W, Hoppe HW, Leng G, Lewalter J, Heinrich-Ramm R, Ritter, A. (1999). Pyrethroid metabolites. In: Angerer, J., Schaller, K.-H.(Eds.), Analyses of Hazardous substances in Biological Materials, Vol. 6. Deutsche Forschungsgemeinschaft, VCH-Verlag, Wein heim, pp.231 – 254
- Aprea C, Stridori A, Sciarra G. (1997). Analytical Method for the determination of urinary 3-phenoxybenzoic acid in subject occupationally expose to pyrethroid insecticide. J Chromatogr B Biomed Sci Appl c;203: 167-79
- Budsabakorn A. (2004). Cost-benefit assessment in health impact from agrochemical used in meangkaw subdistrict mae rim district chiang mai province. ThesesChiang Mai University. 105 pp
- Casida JE and Quistad GB., (1998), Golden age of insecticide research: past, present, or future?. *Annu. Rev. Entomol.* 43 (1998), pp. 1–16
- Darinka S. et al. (2003) Multiresidue method for determination of 90 pesticides in fresh fruits and vegetables using solid-phase extraction and gas chromatography-mass spectrometry Journal of Chromatography A, 1015 185–198
- Department of Agriculture. Plant Varieties Protection Division. (2007). Available on: <http://www.doa.go.th/ard/pdf>.

Division of Toxicology. Agency for Toxic Substances and Disease Registry. (2003).

PYRETHRINS AND PYRETHROIDS.

Available online: <http://www.atsdr.cdc.gov/tfacts155.pdf>

Elliott M, Casida JE and Quistad GB. (1995) Pyrethrum Flowers: Production, Chemistry, Toxicology, and Uses. Oxford University Press, New York, pp. 3–31.

Fenske R. (2000). Pesticide Exposure and Children. Agrichemical & Environmental News. Feb. 2000 No. 166 p.7-8, March 2000 No. 167 p.16 – 19, June 2000 No. 170 p.1-3.

Fernandez-Alvarez, M., Llompart, M., Lamas, J.P., Lores, M., Garcia-Jares, C., Cela, R., & Dagnac, T. 2009. Development of a matrix solid-phase dispersion method for the simultaneous determination of pyrethroid and organochlorinated pesticides in cattle feed. *Journal of Chromatography A*, 1216, (14) 2832-2842

Gabriele L, Wolfgang G, Sami S. (2006). Biomarker of pyrethrum exposure. *Toxicology Letters* 162 :195–201 Available online: [sciencedirect.com](http://www.sciencedirect.com)

Gladen B, Sandler D. (1998). Exposure opportunities of families of farmer pesticide applicators. *American Journal of Industrial Medicine* 34(6):581-7.

Gurunathan S. Robson M. (1998). Accumulation of chlorpyrifos on residential surfaces and toys accessible to children. *Environmental Health Perspectives*;106(1): 9-16.

- Heudorf u, Butte W, Schulz C, Angerer J. (2006). Reference values for metabolites of pyrethroid and organophosphorous insecticides in urine for human biomonitoring in environmental medicine. *Int. J. Hyg. Environ.-Health* 209: 293–299
- Immerman F, Schaum J. (1990). Nonoccupational Pesticide Exposure Study (NOPES), U.S.EPA Order No. PB-90-152- 224/AS.
- International Programme on Chemical Safety. (1999). Available online: <http://www.itcilo.org/actrav/actrav-english/telearn/osh/kemi/pest/pesti4b.htm>.
- _____. (1994) Available online: <http://www.inchem.org/documents/ehc/ehc/ehc94.htm>
- International Programme On Chemical Safety. (1994). Permethrin. Available online: <http://www.inchem.org/documents/ehc/ehc/ehc94.htm>.
- IPM DANIDA. (2003). “Did you take your poison today?”. Department of Agriculture. 39 p.
- Kidd H, and James DR. (1991). The Agrochemicals Handbook, Third Edition. Royal Society of Chemistry Information Services, Cambridge, UK. Available on: <http://extoxnet.orst.edu/pips/reflist2.htm>
- Kühn KH, Leng G, Bucholski KA, Duneman L and Idel H. (1996) Determination of pyrethroid metabolites in human urine by capillary gas chromatography-mass spectrometry. *Chromatographia* 43, 285 -292
- Landrigan P, Mattison D. (1993). Pesticides in the Diets of Infants and Children. National Research Council, Committee on Pesticides in the Diets of Infants and Children 1:13-23; 2:25-36; 5:159-193.

- Leng G , Kiihn KH, Idel H. (1997). Biological monitoring of pyrethroids in blood and pyrethroid metabolites in urine: applications and limitations. *The Science of the Total Environment* 199: 173-181
- Lesueur, C., Knittl, P., Gartner, M., Mentler, A., & Fuerhacker, M. 2008. Analysis of 140 pesticides from conventional farming foodstuff samples after extraction with the modified QuECheRS method. *Food Control*, 19, (9) 906-914
- Lu C, Barr DB, Pearson M, Bartell S, and Bravo R.(2006). A Longitudinal Approach to Assessing Urban and Suburban Children's Exposure to Pyrethroid Pesticides. *Environmental Health Perspectives* . VOLUME 114 (9) :1419 – 1423
- Meister RT. (1992) Farm Chemicals Handbook 1992. Meister Publishing Company.
- Office of Agricultural Economics. 2011. Quantity and value of agricultural exports in 2010. Available on: <http://www.oae.go.th/statistic/export/QVExp.xls>.
- Michelangelo A. (2003) et al. Evaluation of analyte protectants to improve gas chromatographic analysis of pesticides *Journal of Chromatography A*, 1015 163–184
- Office of Environmental Health Hazard Assessment. (2000). A Guide to Health Risk Assessment. California Environmental Protection Agency. 12 pp. Available online: <http://www.oehha.ca.gov/pdf/HRSguide2001.pdf>
- Pang, G.F., Cao, Y.Z., Fan, C.L., Zhang, J.J., & Li, X.M. 1997. Modification of AOAC multiresidue method for determining synthetic pyrethroid residues in fruits, vegetables, and grains. Part III: Studies of analyte stability and method ruggedness. *J AOAC Int.*, 80, (1) 63-73 available from: PM:9011060

Pihlström Tuija. (2010). Method validation and quality control procedures for pesticide residues analysis in food and feed. Document No. SANCO/10684/2009. Supersedes Document No.SANCO/3131/2007. Implemented by 01/01/2010

Sannino, A., Bandini, M., & Bolzoni, L. 2003. Determination of pyrethroid pesticide residues in processed fruits and vegetables by gas chromatography with electron capture and mass spectrometric detection. *J AOAC Int.*, 86, (1) 101-108 available from: PM:12607747

Sannino, A., Bolzoni, L., & Bandini, M. 2004. Application of liquid chromatography with electrospray tandem mass spectrometry to the determination of a new generation of pesticides in processed fruits and vegetables. *Journal of Chromatography A*, 1036, (2) 161-169

Schenker M, Louie S. (1998). Environmental and Occupational Medicine, Third Edition. Pesticides. Lippincott-Raven Publishers; 83:1157-70.

Seyed Esmaeil Mahdavian, S.R.K. 2010. SYNTHETIC PYRETHROIDES MULTIRESIDUE IN GRAPES FROM SOUTHERN INDIA. *KATHMANDU UNIVERSITY JOURNAL OF SCIENCE*, 6, (2) 104-110

Solecki, R., Davies, L., Dellarco, V., Dewhurst, I., Raaij, M.v., & Tritscher, A. 2005. Guidance on setting of acute reference dose (ARfD) for pesticides. *Food and Chemical Toxicology*, 43, (11) 1569-1593

Thomson WT. (1992). Agricultural Chemicals Handbook, Book 1. Thomson Publications. Fresno, CA.

Available on: <http://extoxnet.orst.edu/pips/reflist2.htm>

US.EPA (2006). Available online:<http://www.epa.gov/region01/superfund/basics/gloss.htm>

Van Dijk-Looijaard A, van Genderen J. (2000). Levels of exposure from drinking water. Food & Chemical Toxicology; 38(1 Supply):S37-42.

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
Copyright © by Chiang Mai University
All rights reserved